

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	170	(semiconductor or die or dice or chip or IC) same damasc\$4 and ("Cu" or copper) and (via or plug or open\$3 or hole) with (additiv\$3 or impurity)	USPAT	OR	ON	2007/11/27 18:20
L2	490	(semiconductor or die or dice or chip or IC) same damasc\$4 and ("Cu" or copper) and (via or plug or open\$3 or hole) with (alloy with ("Cu" or copper))	USPAT	OR	ON	2007/11/27 17:09
L3	483	(semiconductor or die or dice or chip or IC) same damasc\$4 and ("Cu" or copper) with (metal\$4 or wiring or interconnect\$3) and (via or plug or open\$3 or hole) with (alloy with ("Cu" or copper))	USPAT	OR	ON	2007/11/27 19:25
L4	457	3 not 1	USPAT	OR	ON	2007/11/27 17:10
L5	404	(semiconductor or die or dice or chip or IC) same damasc\$4 and ("Cu" or copper) with (metal\$4 or wiring or interconnect\$3) and (via or plug or hole) with (alloy with ("Cu" or copper))	USPAT	OR	ON	2007/11/27 17:14
L6	288	(semiconductor or die or dice or chip or IC) same damasc\$4 and ("Cu" or copper) with (metal\$4 or wiring or interconnect\$3) and (via or plug or hole) with (alloy near ("Cu" or copper))	USPAT	OR	ON	2007/11/27 17:14
L7	10	("4720908" "5341026" "5470792" "5759915" "5891804" "6130157" "6174810" "6326301" "6362526" "6376377").PN. OR ("7279790").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 17:53
L8	48	("4556897").PN. OR ("5341026").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 17:55
L9	17	("20020130046" "20030140988" "20040072423" "20050095847" "5948467" "6022808" "6077780" "6221765" "6245670" "6350364" "6350688" "6358840" "6380084" "6391777" "6451682" "6582569" "7030016").PN. OR ("7189650").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 18:12

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L10	8	("5356836" "5607718" "5661345" "5851365" "6207222").PN. OR ("6720253").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 18:09
L11	79	("4920072" "4920073" "4938996" "4960732" "4985750" "4994410" "5010032" "5081064" "5091339" "5250465" "5292558" "5354712" "5439731" "5480836" "5521119" "5585673" "5595937" "5693563" "5739579" "5814557" "5824599" "5858873" "5872053" "5895266" "5930669" "5933753" "5960310" "6001736").PN. OR ("6207222").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 18:13
L12	296	(semiconductor or die or dice or chip or IC) same damasc\$4 and ("Cu" or copper) and (via or plug or open\$3 or hole) with (dop\$3)	USPAT	OR	ON	2007/11/27 18:20
L13	6	("5966605" "6156654" "6365446").PN. OR ("6731006").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 18:55
L14	9	("5185294" "5614764" "5904560" "5909635" "6077775" "6191029" "6221747" "6297147" "6566262").PN. OR ("6833321").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 18:54
L15	7	("5470794" "5620926" "5909048" "5998255" "6096391").PN. OR ("6221747").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 19:02
L16	22	("3863334" "4223336" "4837176" "5028557" "5213989" "5358901" "5360995" "5382540" "5633199" "5674787" "5879630" "5939788" "6150214" "6228759" "6500749" "6541695" "6633085" "6642623" "6703307" "6706629" "6713875" "6731006").PN. OR ("7115502").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 19:03
L17	22	("3863334" "4223336" "4837176" "5028557" "5213989" "5358901" "5360995" "5382540" "5633199" "5674787" "5879630" "5939788" "6150214" "6228759" "6500749" "6541695" "6633085" "6642623" "6703307" "6706629" "6713875" "6731006").PN. OR ("6861758").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 18:57

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L18	16	("6022808" "6057223" "6096648" "6117770" "6268291").PN. OR ("6500749").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 19:18
L19	51	("4461672" "4673592" "4795722" "4996133" "5071714" "5087591" "5171642" "5202579" "5212352" "5966865").PN. OR ("5360995").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 19:19
L20	41	("4619038" "4698244" "5225372").PN. OR ("5358901").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 19:05
L21	31	("4410622" "4710398" "4751198" "4910580" "4917759" "4924295" "4937652" "4962414" "4985750" "4987562" "5008730" "5049975" "5051812" "5070392" "5081064" "5200359" "5231053" "5308793" "5312775" "5313101" "5356836" "5358901").PN. OR ("5488014").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 19:15
L22	12	("5219789" "5324689" "5360995" "5374849" "5430328" "5523624" "5589713" "5623166").PN. OR ("5672914").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 19:24
L23	484	(semiconductor or die or dice or chip or IC) and damasc\$4 and ("Cu" or copper) with (metal\$4 or wiring or interconnect\$3 or IMD) and (via or plug or open\$3 or hole) with (alloy near ("Cu" or copper))	USPAT	OR	ON	2007/11/27 19:36
L24	410	(semiconductor or die or dice or chip or IC) and damasc\$4 and ("Cu" or copper) with (metal\$4 or wiring or interconnect\$3 or IMD) and (via or plug or hole) with (alloy near ("Cu" or copper))	USPAT	OR	ON	2007/11/27 21:06
L25	911	(semiconductor or die or dice or chip or IC) and ("Cu" or copper) with (metal\$4 or wiring or interconnect\$3 or IMD) and (via or plug or hole) with (alloy near ("Cu" or copper))	USPAT	OR	ON	2007/11/27 19:37
L26	501	25 not 24	USPAT	OR	ON	2007/11/27 20:20
L27	23	("5382817" "5523624" "5600170" "5635763" "5668410" "5883433" "5883434" "5910021" "5914277").PN. OR ("6075293").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 20:37

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L28	417	(semiconductor or die or dice or chip or IC) and damasc\$4 and (via or plug or hole) with (alloy near ("Cu" or copper))	USPAT	OR	ON	2007/11/27 21:19
L29	1376	(semiconductor or die or dice or chip or IC) and damasc\$4 and (via or plug or hole) with (dop\$3 or embedd\$3 or impurit\$3 or implant\$3)	USPAT	OR	ON	2007/11/27 23:02
L30	1302	29 not 25	USPAT	OR	ON	2007/11/27 21:20
L31	1297	30 not 23	USPAT	OR	ON	2007/11/27 21:20
L33	12	("20020076925" "20030203617" "4955688" "4995698" "5221060" "5594829" "5822065" "6023100" "6268291" "6376353" "6387806" "6420262").PN. OR ("7074709").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/27 22:57
L34	1591	(semiconductor or die or dice or chip or IC) and damasc\$4 and (via or plug or hole) with (dop\$3 or embedd\$3 or impurit\$3 or implant\$3)	US-PGPUB	OR	ON	2007/11/28 00:03
L35	1	(semiconductor or die or dice or chip or IC) and damasc\$4 and (via or plug or hole) with ("Ag" or silver) same dopant with ("Cu" or copper)	USPAT	OR	ON	2007/11/28 00:07
L36	7	(semiconductor or die or dice or chip or IC) and (via or plug or hole) with ("Ag" or silver) same dopant with ("Cu" or copper)	USPAT	OR	ON	2007/11/28 00:09
L37	20	(semiconductor or die or dice or chip or IC) and (via or plug or hole) with (material or formed) with ("Ag" or silver) and dopant with ("Cu" or copper)	USPAT	OR	ON	2007/11/28 00:16
L38	1	"20020167091"	US-PGPUB	OR	ON	2007/11/28 00:34
L39	1	257/E21.174	US-PGPUB	OR	ON	2007/11/28 00:35
L40	15	257/E21.174	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 00:35

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L41	18	257/E21.582	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 00:35
L42	68	257/E21.584	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 00:36
L43	6877	257/758	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 01:25
L44	3271	257/751	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 01:25
S1	244	(dual or double) with (semiconductor or die or dice or chip or IC) with (two or multi\$3) with (resin or cover\$3 or mold\$3 or encapsulat\$3)	USPAT	OR	ON	2007/11/26 15:14
S2	16	("5034350" "5366933" "5646829" "5733802" "5898220").PN. OR ("6133067").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/26 15:23

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S3	47	("20010006252" "20020142513" "20030047798" "4264917" "4729061" "4850105" "5036024" "5172303" "5219795" "5239198" "5273938" "5291062" "5376588" "5383269" "5795799" "5798564" "5804467" "5815372" "5843808" "5963429" "5973392" "5994166" "5998864" "6022759" "6023098" "6117704" "6133067" "6133629" "6153928" "6157080" "6181002" "6184463" "6201302" "6214641" "6239496" "6256206" "6291892" "6329713" "6333566" "6344687" "6365963" "6424050" "6469376" "6472732" "6515356" "6798049").PN. OR ("6916682").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/26 15:24
S4	64	("5034350" "5082802" "5202288" "5227338" "5273938").PN. OR ("5366933").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/26 15:26